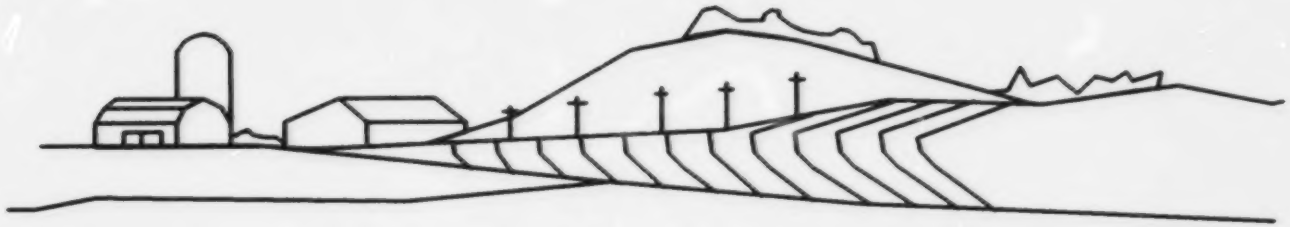
CUSTOM RATES SURVEY

FIELD OPERATIONS

1995



Alberta

AGRICULTURE, FOOD AND RURAL DEVELOPMENT
MARKET ANALYSIS AND STATISTICS BRANCH

427-4011

100-06047/

PREFACE

The Custom Rate Survey is conducted for Alberta Agriculture, Food and Rural Development as a cooperative effort involving the Department Market Analysis and Statistics Branch, and Farm Business Management Branch.

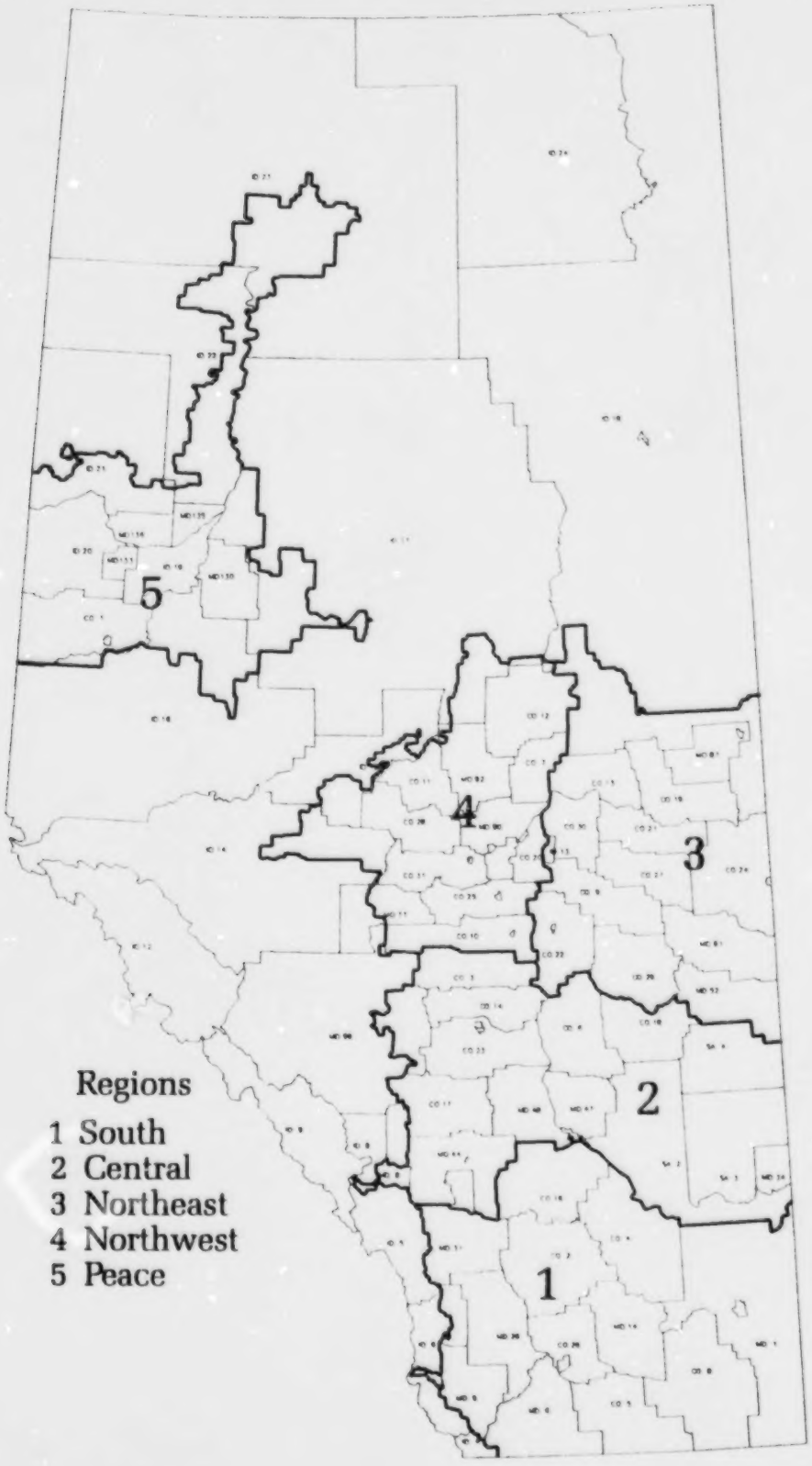
The data presented in this report was obtained by contacting custom operators and dealers and thus represent actual charges. Please note that some instances may be Good Neighbor Rates as opposed to Commercial Rates. The reader should be aware that varying conditions in different areas of the province can significantly affect the rates charged.

The intent of the survey is to provide producers with additional information to help with their farm management decisions. The quality of the data is dependant on the cooperation received by producers as well as commercial custom operators. We would like to thank all those who were so willing in helping to provide information. If you are involved in any custom operations and have not been contacted but wish to contribute, please call the following numbers or contact your local District Office.

Alberta Agriculture, Food and Rural Development
Market Analysis and Statistics Branch
Edmonton, Alberta
403-427-4011

Alberta Agriculture, Food and Rural Development
Farm Business Management Branch
Olds, Alberta
403-556-4240

Municipalities and AAFRD Regions



LAND BREAKING OPERATIONS 1995

REGION	COUNTY	CUSTOM COST	OPERATION	EQUIPMENT	NOTES
1	MD14	$10/AC	D	JD 4630 2WD TRACTOR; 14' HUTCHMASTER OFFSET DISC	7AC/HR
1	MD14	$20/AC	P	JD 4630 2WD TRACTOR; MELROW 5 BOTTOM X 16" PLOW	3.5AC/HR
1	4	$55/HR	LL	INTERNATIONAL 9YD PADDLE LOADER FOR LAND LEVELING	
1	8	$110/HR	DO	TEREX TS14-B SCRAPER FOR DUGOUTS AND DRAINAGE	
2	CALGARY	$120/HR	R	4WD 200HP TRACTOR OR D7 CAT; MADGE ROTOCLEAR	1.5AC/HR
2	CALGARY	$95/AC	R	CASE 2670 4WD 225HP TRACTOR; 7' ROTOCLEAR 440HP	
2	CALGARY	$80/HR	R	VERS 118 4WD 125HP TRACTOR; CUMMINGS 903 ROTARY PLOW	
2	MD44	$6.50/AC	D	JD 4640 2WD 165HP TRACTOR; 16' ALTEEN TANDEM DISC	9AC/HR; WORKING DOWN
2	MD44	$55/HR	R	CASE 2290 2WD 129HP TRACTOR; 8' NORTHWEST ROTOTILLER	2AC/HR
2	MD44	$70/HR	RP	JD 2WD 130HP TRACTOR; 7' ROCK PICKER	
2	MD99	$80/HR	R	MF 4WD 180HP TRACTOR; 7' ROTOPLOW	
2	SA2	$30/AC	D	MF 4WD 375HP TRACTOR; 14' KELLO DISC W/HARROWS	TWO PASSES/ACRE; PLUS FUEL
2	SA2	$0.60-1/CUYD	DO	D7 CAT WITH CAT 60 SCRAPER	
2	3	$95/HR	D	D8 CAT; 14' ROME BREAKING DISC 32" BLADES	
2	3	$75/HR	DO	INTERNATIONAL TD142 CRAWLER	
2	3	$1.00/CUYD	DO	D7 CAT OR D8 CAT	
2	3	$90/HR	DO	D8 CAT WITH TS-14 SCRAPER	
2	3	$110/HR	RP	2WD TRACTOR; HARLEY A-HIGH LIFT, DUMP TRUCK & 2 OPER	15-20TON/HR
2	3	$30/HR	TR	ROCK RAKES EITHER 12' OR 20'	RENTAL ONLY
2	3	$75-80/HR	DO	CASE 888 SELF-PROPELLED EXCAVATOR WITH 3/4 YD. BUCKET	SWAMPS
2	3	$115/HR	RP	WHITE 2105 2WD TRACTOR; HARLEY A-LIFT ROCK PICKER; 2 OPER & TRUCK	HAULS TO 1 MILE AND STOCK PILE; 15-20TON/HR
2	6	$90/HR	DO	D7G CAT	
2	6	$125/HR	DO	FIAT ALLIS 262B OR CAT 627 MOTOR SCRAPER	2000 CU. METER DUGOUT $3000 AVERAGE

LAND BREAKING OPERATIONS 1995

REGION	COUNTY	CUSTOM COST	OPERATION	EQUIPMENT	NOTES
2	6	$15-20/AC	D	STEIGER PANTHER 4WD 325HP TRACTOR; 12' BREAK DISC	
2	6	$85/HR	DO	D7 CAT	
2	6	$120/HR	DO	D7 CAT WITH FIAT ALLIS 262B MOTOR SCRAPER	
2	14	$50/AC	D	STEIGER 270 4WD 270HP TRACTOR; 12' KELLO 450 DISC	REMOTE OR ROUGH TERRAIN
2	14	$110/HR	R	CASE 4WD 275HP TRACTOR; DEUTZ ALLIS 8.5' ROTOPLOW	
2	14	$110/HR	R	STEIGER 270 4WD 270HP TRACTOR; MADGE 8.5' ROTOTILLER	
2	17	$90/HR	D	D7F CAT; 12' ROME BREAKING DISC	
2	17	$65/HR	D	CASE-IH 2WD 130HP TRACTOR, 12' KELLO 210 DISC	
2	17	$30/AC	D	CASE-IH 2WD 130HP TRACTOR, 12' KELLO 210 DISC	TWO PASSES/ACRE
2	17	$10/AC	D	JD 8650 4WD 235HP TRACTOR; 26' JD 236 DISC	FIRST PASS
2	17	$6/AC	D	JD 8650 4WD 235HP TRACTOR; 26' JD 236 DISC	SECOND PASS
2	17	$75/HR	DO	D7F CAT	
2	17	$20/AC	P	JD 8440 4WD 235HP TRACTOR; JD 5BOTTOM BREAK PLOW	
2	17	$65/HR	P	JD 8650 4WD 235HP TRACTOR; JD 6BOTTOM X 16" PLOW	
2	23	$65/HR	D	4WD 250HP TRACTOR; 10' KELLO 300 SERIES DISC	
2	23	$65/HR	DO	D6 CAT WITH DOZER	
3	MD61	$65/HR	DO	CAT 621 20YD SCRAPER	
3	MD61	$75/HR	DO	D6 CAT	
3	MD61	$60/HR	DO	D7 CAT	
3	MD61	$55/HR	DO	FORD 750 BACKHOE	
3	MD67	$220/HR	R	MF 1805 4WD 210HP TRACTOR; MADGE 335HP 7.6' ROTOTILLER	METERED TIME; 1 AC/HR
3	13	$65/HR	RP	2WD 150HP TRACTOR; ROCK-A-MATIC ROCK PICKER	
3	19	$70/HR	D	4WD 265HP TRACTOR; 12' ROME TRW 20-32 DISC	2.5AC/HR
3	19	$25/AC	D	4WD 265HP TRACTOR; 12' ROME TRW 20-32 DISC	3AC/HR
3	19	$55/HR	RP	1.5YD JD 544 INDUSTRIAL LOADER	ROCK DIGGING

LAND BREAKING OPERATIONS 1995

REGION	COUNTY	CUSTOM COST	OPERATION	EQUIPMENT	NOTES
3	24	$25-30/AC	D	KOMATSU D60-F CRAWLER TRACTOR; 10' ROME TANDEM DISC	3AC/HR
3	24	$80/HR	D	STEIGER 225 4WD 250HP TRACTOR; 12' KELLO DISC	2.5AC/HR
3	29	$80/HR	D	JD 8850 4WD 325HP TRACTOR; 24' KELLO DISC	8AC/HR; WORKING DOWN
3	29	$75/HR	D	VERS 875 4WD 330HP TRACTOR; 12' KELLO 500 SERIES	
3	29	$85/HR	DO	IH TB20E CRAWLER; IH TRX 24YD SCRAPER	
3	29	$80/HR	RP	4WD 120HP TRACTOR; 6' DEGELMAN ROCK PICKER	
3	29	$80/HR	TR	4WD 120HP TRACTOR; 10' DEGELMAN ROCK RAKE	
3	ID18	$35/AC	D	JD 7520 4WD 175HP TRACTOR; 12' KELLO 325 DISC	3AC/HR
3	ID18	$20/AC	D	JD 8850 4WD 300HP TRACTOR; 9' ROME TR8 DISC	3AC/HR; WITH BULL HARROW
3	ID18	$20/AC	D	JD 8850 4WD 300HP TRACTOR; 12' ROME TRH 1632 DISC	3AC/HR
3	ID18	$80/HR	D	JD 8850 4WD 300HP TRACTOR; 12' ROME TRH 1632 DISC	3AC/HR
3	ID18	$55/HR	DO	KABODA KH28-L BACKHOE WITH DOZER BLADE	
3	MD62	$75/HR	DO	D7E CAT WITH DOZER BLADE	
3	MD62	$68/HR	DO	D7G CAT OR D7E CAT	
3	24	$220/HR	R	MF 4WD 210HP TRACTOR, 8' MADGE (7' 4" CUT) ROTOVATOR	METERED TIME ONLY; MOVING MAY BE EXTRA
3	24	$55/HR	DO	CASE 580 RUBBER TIRE BACKHOE	
3	24	$1/FT	DO	DITCH WITCH CHAIN TRENCHER	
3	24	$25-30/AC	D	KOMATSU D60-F CRAWLER TRACTOR; 10' ROME TANDEM DISC	3AC/HR
3	24	$80/HR	D	STEIGER 225 4WD 250HP TRACTOR; 12' KELLO DISC	2.5AC/HR
4	ID14	$90/HR	D	D7 CAT; 8.5' ROME TRCH36 DISC	3.5-4AC/HR
4	ID14	$55/HR	DO	CASE 580K RUBBER-TIRED BACKHOE	
4	ID14	$100/HR	R	4WD 105HP TRACTOR, 8' ROTOVATER	
4	ID14	$90/HR	D	4WD 105HP TRACTOR, 12' HEAVY DUTY EZEE-ON DISC	
4	ID14	$100/HR	LR	4WD 105HP TRACTOR, BALE BUSTER	BREAKS UP STRAW FOR MIXING IN SOIL

LAND BREAKING OPERATIONS 1995

REGION	COUNTY	CUSTOM COST	OPERATION	EQUIPMENT	NOTES
4	MD90	$2/AC	LL	40' RITE-WAY LAND ROLLER	RENTAL; PLUS $50 DELIVERY FEE
4	20	$60/HR	D	ELLIS 200 110HP CRAWLER; 13' KELLO 156 DISC	4AC/HR
4	25	$60/HR	D	270HP 4WD TRACTOR OR D6D CAT, 12' KELLO 350 BREAKING DISC	5AC/HR
4	25	$60/HR	DO	HYDRAULIC SCRAPER & CAT	
5	ID16	$30/AC	D	D9 CAT, 14' ROME OFFSET DISC - 36" SPACING	FIRST PASS
5	ID16	$20/AC	D	STEIGER 280HP 4WD TRACTOR; 14' ROME OFFSET DISC - 36" SPACING	SECOND + PASSES
5	ID17	$12-15/AC	D	CAT D8; 10' INTERNATIONAL DISC	4-5AC/HR
5	MD133	$40/AC	D	D9 CAT MODEL 65A, BREAKING PLOW 4 BOTTOM X 24" SPACING	
5	1	$42-45/AC	P	VERS 800 4WD 280HP TRACTOR, DIKA 4BOTTOM X 24" BREAKING PLOW	3AC/HR
5	1	$12/AC	D	VERS 800 4WD 280HP TRACTOR, 16.5' KELLO 275 HVY DUTY OFFSET DISC	8AC/HR

LEGEND

D - DISCING P - PLOWING LL - LAND LEVELING R - ROTOTILLING RP - ROCK PICKING TR - ROCK RAKING DG - DUGOUTS/DRAINAGE LR - LAND RECLAMATION

JD - JOHN DEERE VERS - VERSATILE MF - MASSEY FERGUSON IH - INTERNATIONAL AC - ACRE HR - HOUR CUYD - CUBIC YARD FT - FOOT

CUSTOM COSTS ARE BASED ON ONE PASS PER ACRE UNLESS OTHERWISE STATED.

LAND CLEARING OPERATIONS 1995

REGION	COUNTY	CUSTOM COST	OPERATION	EQUIPMENT	NOTES
2	3	$70/HR	BP	D5 CAT POWER SHIFT WITH POWER WINCH	WALKING DOWN
2	3	$105/HR	R	D8 CAT WITH 2 SHANK RIPPER	PLUS RIPPER POINTS
2	3	$110/HR	RR	WHITE 2105 2WD TRACTOR, HARLEY A-HIGHLIFT ROOT RAKE	
2	3	$160/AC	BP	D7 OR D8 CAT WITH DOZER BLADE	WALKING DOWN
2	3	$120/HR	BP	D8 CAT WITH DOZER BLADE	WALKING DOWN
2	3	$105/HR	BP	D7 CAT WITH DOZER BLADE	WALKING DOWN
2	3	$135/HR	R	D8 CAT WITH ATEKO RIPPER	
2	3	$120/HR	R	D7 CAT WITH ATEKO RIPPER	
2	6	$90/HR	BP	D7G CAT WITH DOZER BLADE	WALKING DOWN
2	6	$80/HR	BP	D6C CAT WITH DOZER BLADE	WALKING DOWN
2	6	$90/HR	R	D7G CAT WITH 2 POINT RIPPER	
2	23	$60/HR	BP	D6C CAT W/DOZER BLADE	WALKING DOWN
2	23	$80/HR	BP	D7G CAT W/DOZER BLADE	WALKING DOWN
3	ID16	$90/HR	R	D7G CAT WITH 7 POINT RIPPER	
3	ID16	$80/HR	R	D7 CAT WITH RIPPER	
3	ID16	$100-140/AC	R	D7 CAT WITH RIPPER	
3	MD52	$68/HR	BP	D7G CAT OR D7E CAT WITH DOZER BLADE	WALKING DOWN
3	19	$110/AC	BP	KOMATSU D65-E	WALKING DOWN
3	19	$70/HR	BP	KOMATSU D65-E WITH 2 POINT RIPPER	
3	21	$80/HR	BP	D7 CAT W/DOZER BLADE	WALKING DOWN
3	21	$70/HR	BP	D6 CAT W/DOZER BLADE	WALKING DOWN
3	21	$95/HR	BP	D8 CAT W/DOZER BLADE	WALKING DOWN

LAND CLEARING OPERATIONS 1995

REGION	COUNTY	CUSTOM COST	OPERATION	EQUIPMENT	NOTES
3	24	$85/HR	BP	KOMATSU D-85 CRAWLER TRACTOR	WALKING DOWN
3	24	$70/HR	BP	KOMATSU D-80 E CRAWLER TRACTOR	WALKING DOWN
3	24	$75/HR	BP	KOMATSU D85E WITH POWER WINCH	
3	24	$95/HR	R	KOMATSU D85 CRAWLER TRACTOR WITH 3 PT. RIPPER	
4	ID14	$75/HR	BP	D7G CAT WITH DOZER BLADE	WALKING DOWN
4	ID14	$80/HR	RR	CAT 550 CRAWLER TRACTOR WITH WIDE PAD, 12' ROOT RAKE	
4	ID14	$100/HR	R	4WD 105HP TRACTOR, 5 PRONG SUB-SOILER BY 4' LONG, 3PT. HITCH	
4	10	$110/HR	BP	D8 CAT WITH 16' DOZER BLADE	WALKING DOWN
4	10	$110/HR	R	D8 CAT WITH RIPPER	
4	25	$150/AC	BP	D8 & D6 CAT WITH DOZER BLADES	WALKING DOWN
4	25	$80/HR	BP	D6 CAT WITH DOZER BLADE	WALKING DOWN
4	25	$110/HR	BP	D8 CAT WITH DOZER BLADE	WALKING DOWN
4	26	$92/HR	BP	D7 CAT WITH DOZER BLADE	TRANSPORTATION EXTRA
4	26	$115/HR	BP	D8 CAT WITH DOZER BLADE	TRANSPORTATION EXTRA
4	26	$86/HR	BP	D6 CAT WITH DOZER BLADE	TRANSPORTATION EXTRA
4	26	$80/HR	BP	D6D CAT WITH DOZER BLADE	WALKING DOWN
4	26	$90/HR	BP	D7G CAT WITH DOZER BLADE	WALKING DOWN
4	26	$100/HR	BP	D8K CAT WITH DOZER BLADE	WALKING DOWN
4	26	$120/HR	R	D8K CAT WITH 4 BARREL RIPPER	PLUS RIPPER POINTS
4	26	$110/HR	R	D7 CAT WITH 2 POINT RIPPER	TRANSPORTION EXTRA
4	26	$137/HR	R	D8 CAT WITH 1 POINT RIPPER	TRANSPORTION EXTRA
5	ID16	$75/HR	BP	D7 CAT WITH DOZER BLADE	WALKING DOWN (1.5AC/HR)
5	ID16	$85/HR	BP	D7 CAT WITH 3 POINT RIPPER	WALKING DOWN; PLUS RIPPER POINTS
5	ID16	$156/HR	R	D9H CAT WITH RIPPER	
5	ID16	$95/HR	BP	D9H CAT WITH DOZER BLADE	WALKING DOWN, SMALL BRUSH

LAND CLEARING OPERATIONS 1995

REGION	COUNTY	CUSTOM COST	OPERATION	EQUIPMENT	NOTES
5	ID17	$95/HR	BP	FIAT 21-B 260HP CRAWLER TRACTOR	WALKING DOWN (1AC/HR)
5	ID17	$110/HR	R	D8 CAT WITH PARALLELAGRAM RIPPER	
5	ID17	$105/HR	BP	D6K CAT W/DOZER BLADE	WALKING DOWN (1AC/HR)
5	ID17	$85/HR	BP	D7 CAT W/DOZER BLADE	WALKING DOWN (0.67AC/HR)
5	ID17	$75/HR	BP	D6 CAT W/DOZER BLADE	WALKING DOWN (0.67AC/HR)
5	ID17	$105/HR	BP	D8 CAT WITH PARALLELOGRAM RIPPER	PLUS RIPPER POINTS
5	ID17	$65/HR	RR	JD 2WD TRACTOR, 12' DYKA DRUM RAKE	(4AC/HR)

LEGEND

BP - BRUSHING & PILING R - RIPPING RR - ROOT RAKING AC - ACRE HR - HOUR

TILLAGE OPERATIONS 1995

REGION	COUNTY	CUSTOM COST	OPERATION	EQUIPMENT	LAND TYPE	NOTES
1	MD8	$2.50/AC	C	31' - 37' WIDE CULTIVATOR		FOR RENTAL ONLY
1	MD26	$4/AC	C	IH 5088 2WD 140HP TRACTOR, CASE 26' HVY DUTY CULTIVATOR	C/S	15AC/HR
1	4	$3.50/AC	C	STEIGER 9180 4WD 375HP TRACTOR, JD 60' CULTIVATOR	C/S	
1	4	$3/AC	H	JD 8640 4WD 185HP TRACTOR, 40' BLANCHARD HARROWS	C/S	25AC/HR
1	4	$45/HR	P	MF 2WD TRACTOR, 6' PLOW WITH 3 POINT HITCH	C/S	2-3AC/HR
1	16	$55/HR	C	CASE 2290 2WD 130HP TRACTOR, 20' IH FIELD CULTIVATOR	C/S	12AC/HR
1	16	$55/HR	D	CASE 2290 2WD 130HP TRACTOR, 16' DOUBLE DISC	C/S	7-8AC/HR
2	MD44	$6/AC	C	CASE 4490 4WD 165HP TRACTOR, 29' MORRIS CHISEL PLOW	C/S	12AC/HR, WITH GRANULAR FERTILIZER
2	MD44	$6.50/AC	C	CASE 4490 4WD 165HP TRACTOR, 29' MORRIS CHISEL PLOW	C/S	12AC/HR
2	MD44	$8/AC	D	CASE 2670 4WD 200HP TRACTOR, 26' JD 330 DISC	C/S	10AC/HR
2	MD44	$5/AC	HP	CASE 2290 2WD 130HP TRACTOR, 50' FLEXICOIL HARROW/PACKERS	C/S	TWO PASSES/ACRE, 25AC/HR
2	MD44	$50/HR	R	CASE 2290 2WD 130HP TRACTOR, 6' NORTH WEST ROTOTILLER	P/H	2AC/HR
2	MD99	$85/HR	R	MF 4WD 180HP TRACTOR, 7' ROTOPLOW	P/H	1AC/HR
2	3	$65/HR	D	JD 7520 4WD 210HP TRACTOR, 28' VERS DISC	P/H	20AC/HR
2	3	$20/AC	P	2WD 155HP TRACTOR, MELROW 6 BOTTOM PLOW	ALL	
2	6	$6/AC	C	STEIGER 4WD 200HP TRACTOR, 40' COIL FIELD CULTIVATOR	C/S	WITH BANDING LIQUID FERT
2	6	$6.50/AC	D	STEIGER 4WD 200HP TRACTOR, 30' MEDIUM DUTY FIELD DISC	C/S	
2	6	$15-20/AC	D	STEIGER 4WD 325HP TRACTOR, 12' BREAK DISC	P/H	
2	14	$7.50/AC	C	4WD 275HP TRACTOR, 40' CONCORD CULT,HARROW/PACKERS	C/S	20AC/HR
2	14	$75-85/HR	D	4WD 275HP TRACTOR, 27' KELLO 225 DISC	ALL	10-15AC/HR

TILLAGE OPERATIONS 1995

REGION	COUNTY	CUSTOM COST	OPERATION	EQUIPMENT	LAND TYPE	NOTES
2	17	$6.50/AC	C	JD 2WD 200HP TRACTOR, CONCORD AIRSEEDER	C/S	
2	17	$5.50/AC	C	VERS 876 4WD 240HP TRACTOR; 32' IH 4700 VIBRASHANK CULT	C/S	20AC/HR
2	17	$5/AC	C	VERS 876 4WD 240HP TRACTOR; 32' IH 4700 VIBRASHANK CULT	C/S	20AC/HR
2	17	$7.50/AC	C	JD 2WD 200HP TRACTOR, CONCORD AIRSEEDER	C/S	WITH SEEDING AND BANDING
2	17	$6.50/AC	D	JD 8450 4WD TRACTOR; 31' JD 330 DISC	C/S	15AC/HR
2	17	$20/AC	P	JD 8440 4WD 235HP TRACTOR; JD 5 BOTTOM BREAK PLOW	ALL	TWO PASSES/ACRE
2	18	$6/AC	C	4WD 360 OR 400HP TRACTOR, 41' FLEXICOIL 820 CULTIVATOR	C/S	25AC/HR; 2-3 PASSES
2	18	$8-10/AC	D	4WD 360HP TRACTOR, KELLO 256 32' DISC	ALL	12AC/HR; 2-3 PASSES
2	18	$2/AC	H	4WD 200HP TRACTOR, DIGOMAN 5000 HARROWS	C/S	30AC/HR
3	9	$6/AC	C	CASE 2WD 125HP TRACTOR; 23' DEEP TILLAGE CULTIVATOR	C/S	
3	9	$10/AC	D	CASE 4890 4WD 300HP TRACTOR; 31' DISC WITH 24" BLADES	P/H	
3	13	$20/AC	D	4WD 265HP TRACTOR; 12' ROME TRW20-32 DISC	P/H	3.5AC/HR
3	19	$5.50/AC	C	CASE-IH 4WD 370HP TRACTOR; 60' FLEXI-COIL CHISEL PLOW	C/S	20AC/HR
3	22	$5/AC	C	VERS 235 4WD 225HP TRACTOR; 36' IH 560 DEEP TILLAGE CULT	C/S	20AC/HR
3	24	$6.50/AC	C	CASE-IH 370HP 4WD TRACTOR; 60' FLEXI-COIL 600 CHISEL PLOW	C/S	20AC/HR; 1 PASS
3	27	$5/AC	C	CASE-IH 370HP 4WD TRACTOR; 60' FLEXI-COIL 600 CHISEL PLOW	C/S	20AC/HR; 1 PASS
3	29	$5/AC	C	JD 8650 4WD 400HP TRACTOR, 55' FLEXICOIL 820 CULTIVATOR	ALL	30-35AC/HR
3	29	$3/AC	H	JD 8650 4WD 400HP TRACTOR, 55' HEAVY DUTY HARROWS	C/S	55-60AC/HR
3	30	$50/HR	C	JD 8650 250HP 4WD TRACTOR; 43' MORRIS 463 CHISEL PLOW	C/S	20-25AC/HR
4	MD92	$65/HR	C	JD 8450 180HP 4WD TRACTOR; 27' JD 1610 DEEP TILLAGE CULT	C/S	15AC/HR; 1 PASS
4	MD92	$65/HR	D	JD 8450 180HP 4WD TRACTOR; 25' JD 236 DISC	C/S	13-15AC/HR; 1 PASS

TILLAGE OPERATIONS 1995

REGION	COUNTY	CUSTOM COST	OPERATION	EQUIPMENT	LAND TYPE	NOTES
4	20	$8/AC	C	CASE 4WD 375HP TRACTOR; 35' JD AIR SEEDER	C/S	WITH FERTILIZER; 20-22AC/HR
4	20	$80-90/HR	R	FORD TW-35 170HP 2WD TRACTOR; 10' MASCHIO G300 ROTOTILLER	P/H	2AC/HR
4	25	$85/HR	D	CHALLENGER 54 CRAWLER TRACTOR; 24' DOUBLE DISC	P/H	18AC/HR
4	25	$85/HR	P	CHALLENGER 54 CRAWLER TRACTOR; 8BOTTOM X 12" PLOW	P/H	18AC/HR
4	26	$7/AC	D	JD 4650 4WD 175HP TRACTOR; 22' EZEE-ON DISC	P/H	8-10AC/HR
5	ID19	$5.50/AC	C	VERS 835 4WD 225HP TRACTOR, 40' BOURGAULT MEDIUM DUTY CULT	C/S	
5	1	$5-8/AC	C	STEIGER 4WD 270HP TRACTOR, 34' FRIGGSTAD DEEP TILLAGE CULT	C/S	15-20AC/HR
5	1	$2.50/AC	H	4WD 180HP TRACTOR; 40' HARROWS	C/S	
5	1	$12/AC	LR	TRACTOR, PEACELAND 36' LAND ROLLER WITH BROADCASTER ON FRO	P/H	20AC/HR
5	1	$18/AC	P	VERS 800 4WD 280HP TRACTOR, MELROW 10 BOTTOM X 18" PLOW	C/S	4-5AC/HR

LEGEND

C - CULTIVATING D - DISCING P - PLOWING H - HARROWING HP - HARROW/PACKING R - ROTOTILLING SS - SUBSOILING/RIPPING

JD - JOHN DEERE VERS - VERSATILE IH - INTERNATIONAL MF - MASSEY FERGUSON CULT - CULTIVATOR

P/H - PASTURE/HAYLAND C/S - CROP/SUMMERFALLOW HR - HOUR AC - ACRE

SOIL TESTING 1995

REGION	COUNTY	CUSTOM COST	OPERATION	TYPE OF APPLICATOR		NOTES
1	MD6	$LAB FEES ONLY	ST	HAND HELD SOIL TESTER 0-6" DEPTH		FREE LABOUR WITH PURCHASE OF PRODUCT
1	MD6	$30-35/FIELD	ST	TM SOIL TESTER 24" DEPTH		LAB FEES INCLUDED; MUST PURCHASE
1	MD14	$5/FIELD	ST	TM SOIL TESTER 0-24" DEPTH		LAB FEES EXTRA; MUST PURCHASE
1	MD14	$8/FIELD	ST	TM SOIL TESTER 0-24" DEPTH		LAB FEES EXTRA; MUST PURCHASE
1	MD26	$5/FIELD	ST	TM SOIL TESTER 6"-12" DEPTH		LAB FEES EXTRA; MUST PURCHASE
1	2	$LAB FEES ONLY	ST	TM SOIL TESTER 0-24" DEPTH		FREE LABOUR WITH PURCHASE OF PRODUCT
1	4	$45/FIELD	ST	HAND HELD OR PT PROBE 0-6" DEPTH		LAB FEES INCLUDED; MUST PURCHASE
1	4	$60/FIELD	ST	TM SOIL TESTER 6-24" DEPTH		LAB FEES INCLUDED; MUST PURCHASE
1	4	$70/FIELD	ST	HAND HELD OR PT PROBE 7-24" DEPTH		LAB FEES INCLUDED; MUST PURCHASE
1	5	$LAB FEES ONLY	ST	TM SOIL TESTER 24" DEPTH		FREE LABOUR WITH PURCHASE OF PRODUCT
1	5	$25/FIELD	ST	TM SOIL TESTER 24" DEPTH		LAB FEES EXTRA; NO PURCHASE REQUIRED
1	8	$LAB FEES ONLY	ST	HAND HELD SOIL TESTER 6-24" DEPTH	IRRIGATED	FREE LABOUR WITH PURCHASE
1	8	$LAB FEES ONLY	ST	HAND HELD SOIL TESTER 0-6" DEPTH	DRYLAND	FREE LABOUR WITH PURCHASE
1	8	$LAB FEES ONLY	ST	TM SOIL TESTER 0-12" DEPTH	DRYLAND	FREE LABOUR WITH PURCHASE
1	8	$30/FIELD	ST	TM SOIL TESTER 12" DEPTH		LAB FEES INCLUDED; DRYLAND
1	8	$40/FIELD	ST	TM SOIL TESTER 24" DEPTH		LAB FEES INCLUDED; IRRIGATED
1	8	$60/FIELD	ST	TM SOIL TESTER 48" DEPTH		LAB FEES INCLUDED; SUGAR BEETS
1	26	$30/FIELD	ST	TM SOIL TESTER 0-12" DEPTH		LAB FEES INCLUDED
1	26	$36/FIELD	ST	TM SOIL TESTER 0-12" DEPTH		LAB FEES INCLUDED; SINGLE DEPTH
1	26	$45/FIELD	ST	TM SOIL TESTER 12-24" DEPTH		LAB FEES INCLUDED; DUAL DEPTH
1	26	$65/FIELD	ST	TM SOIL TESTER 48" DEPTH		LAB FEES INCLUDED; 4' SAMPLE
2	CALGARY	$60/FIELD	ST	TM SOIL TESTER 24" DEPTH		FREE IF FERTILIZER IS PURCHASED

SOIL TESTING 1995

REGION	COUNTY	CUSTOM COST	OPERATION	TYPE OF APPLICATOR	NOTES
2	MD46	$10/FIELD	ST	HAND HELD TESTER 6" DEPTH	LAB FEES EXTRA
2	3	$30/FIELD	ST	TM SOIL TESTER 0-6" DEPTH	LAB FEES INCLUDED
2	3	$36/FIELD	ST	TM SOIL TESTER 0-6" DEPTH	LAB FEES INCLUDED; MICRO NUTRIENT ANALYSIS
2	6	$45/FIELD	ST	TM SOIL TESTER 0-6" DEPTH	LAB FEES INCLUDED; MUST PURCHASE PRODUCT
2	6	$61/FIELD	ST	TM SOIL TESTER 0-12" DEPTH	LAB FEES INCLUDED; MICRO NUTRIENT ANALYSIS
2	14	$5/FIELD	ST	TM SOIL TESTER 0-6" DEPTH	LAB FEES EXTRA; WITH PURCHASE OF PRODUCT
2	17	$35/FIELD	ST	HAND HELD SOIL TESTER 6" DEPTH	LAB FEES INCLUDED
2	17	$25/FIELD	ST	TM SOIL TESTER 6" DEPTH	LAB FEES EXTRA
2	17	$35/FIELD	ST	TM CONCORDE TESTER 0-12" DEPTH	LAB FEES INCLUDED; WITH PURCHASE
2	23	$25/FIELD	ST	HAND HELD SOIL TESTER 6" DEPTH	LAB FEES EXTRA
2	23	$30/FIELD	ST	HAND HELD SOIL TESTER 6" DEPTH	LAB FEES EXTRA; WITH PURCHASE
3	MD62	$LAB FEES ONLY	ST	HAND HELD TESTER 0-12" DEPTH	FREE LABOUR WITH PURCHASE
3	MD62	$40/FIELD	ST	TM SOIL TESTER 0-6" DEPTH	LAB FEES INCLUDED
3	MD62	$80/FIELD	ST	TM SOIL TESTER 0-6" DEPTH	LAB FEES INCLUDED; MICRO NUTRIENT ANLYS
3	MD61	$25/FIELD	ST	TM SOIL TESTER 6" DEPTH	LAB FEES EXTRA; $10 OFF WITH PURCHASE
3	9	$35/FIELD	ST	TM CONCORDE TESTER 0-12" DEPTH	LAB FEES INCLUDED; WITH PURCHASE
3	9	$60/FIELD	ST	TM CONCORDE TESTER 0-12" DEPTH	LAB FEES INCLUDED; MICRO NUTRIENT ANLYS
3	22	$25/FIELD	ST	TM SOIL TESTER 6" DEPTH	
3	22	$35/FIELD	ST	TM SOIL TESTER 0-12" DEPTH	LAB FEES INCLUDED; WITH PURCHASE
3	24	$25-30/FIELD	ST	TM SOIL TESTER 6" DEPTH	LAB FEES EXTRA
3	24	$6/FIELD	ST	TM SOIL TESTER 0-12" DEPTH	LAB FEES EXTRA; WITH PURCHASE

SOIL TESTING 1995

REGION	COUNTY	CUSTOM COST	OPERATION	TYPE OF APPLICATOR	NOTES
3	27	$36/FIELD	ST	HAND HELD SOIL TESTER 6" DEPTH	LAB FEES EXTRA; FREE WITH PURCHASE
3	29	$20/FIELD	ST	TM SOIL TESTER 6" DEPTH	LAB FEES EXTRA
4	MD90	$LAB FEES ONLY	ST	TM SOIL TESTER 6" DEPTH	FREE LABOUR WITH PURCHASE
4	MD90	$25/FIELD	ST	TM SOIL TESTER 12" DEPTH	
4	MD90	$36/FIELD	ST	QUAD, HAND HELD SOIL TESTER 0-12" DEPTH	LAB FEES INCLUDED; MUST PURCHASE PRODUCT
4	MD90	$7/FIELD	ST	TM SOIL TESTER 0-6" DEPTH	LAB FEES EXTRA; MUST PURCHASE
4	MD92	$LAB FEES ONLY	ST	TM SOIL TESTER 0-6" DEPTH	FREE LABOUR WITH PURCHASE OR PRODUCT
4	20	$32-36/FIELD	ST	TM SOIL TESTER 0-6" DEPTH	LAB FEES INCLUDED
4	25	$LAB FEES ONLY	ST	TM SOIL TESTER 0-12" DEPTH	FREE LABOUR WITH PURCHASE OF PRODUCT
4	25	$10/FIELD	ST	TM OR HAND HELD SOIL TESTER 0-6" DEPTH	LAB FEES EXTRA
4	25	$25/FIELD	ST	TRACTOR, PT SOIL TESTER	LAB FEES INCLUDED
4	26	$27/FIELD	ST	HAND HELD SOIL TESTER 0-12" DEPTH	LAB FEES INCLUDED
4	26	$27/FIELD	ST	HAND HELD SOIL TESTER 0-6" DEPTH	LAB FEES INCLUDED
4	31	$LAB FEES ONLY	ST	HAND HELD SOIL TESTER 0-6" DEPTH	FREE LABOUR WITH PURCHASE
5	ID16	$LAB FEES ONLY	ST	TM SOIL TESTER 0-6" DEPTH	FREE LABOUR WITH PURCHASE
5	ID17	$20/FIELD	ST	TM SOIL TESTER 0-6"DEPTH	LAB FEES INCLUDED; MUST PURCHASE

SOIL TESTING 1995

REGION	COUNTY	CUSTOM COST	OPERATION	TYPE OF APPLICATOR	NOTES
5	MD133	$25/FIELD	ST	HAND HELD SOIL TESTER 0-6" DEPTH	LAB FEES INCLUDED, MUST PURCHASE
5	MD136	$25/FIELD	ST	HAND HELD SOIL TESTER 0-6" DEPTH	LAB FEES INCLUDED, MUST PURCHASE
5	1	$12/FIELD	ST	HAND HELD SOIL TESTER 6-12" DEPTH	LAB FEES EXTRA
5	1	$12/FIELD	ST	TM SOIL TESTER 6-12" DEPTH	LAB FEES EXTRA
5	1	$30/FIELD	ST	HAND HELD SOIL TESTER 0-6" DEPTH	LAB FEES INCLUDED
5	1	$35/FIELD	ST	TM SOIL TESTER 0-12" DEPTH	LAB FEES INCLUDED
5	1	$35/FIELD	ST	TM SOIL TESTER 0-6" DEPTH	LAB FEES INCLUDED, MUST PURCHASE

LEGEND

ST - SOIL TESTING CS - CROP SEEDING FA - FERTILIZER APPLICATION HA - HERBICIDE APPLICATION

SP - SELF PROPELLED PT - PULL TYPE TM - TRUCK MOUNT FW - FIXED WING JD - JOHN DEERE VERS - VERSATILE

FERT- FERTILIZER HERB - HERBICIDE G - GRANULAR L - LIQUID A - ANHYDROUS AC - ACRE HR - HOUR

CROP SEEDING 1995

REGION	COUNTY	CUSTOM COST ($/AC)	OPERATION	TYPE OF APPLICATOR	RENTAL COST	NOTES
1	MD14	4.50	CS	LOR-AL FLOATER		GRASSES, CANOLA; WITH FERTILIZER
1	MD14	5.00	CS	TRACTOR, PT EDWARD HOE DRILL		
1	MD26	7.00	CS	TRACTOR, FLEXICOIL AIR SEEDER W/ VALMAR BOX		GRASSES, CEREALS, OILSEEDS
1	MD26	8.50	CS	TRACTOR, FLEXICOIL AIR SEEDER W/ VALMAR BOX		GRASSES, CEREALS, OILSEEDS; WITH FERTILIZER
1	2	4.75	CS	LOR-AL FLOATER		GRASSES, CEREALS, CANOLA; WITH FERTILIZER
1	4	4.50	CS	TRACTOR, JD HOE DRILL		
1	4	4.50	CS	LOR-AL FLOATER		GRASSES, CANOLA; WITH FERTILIZER
1	4	5.00	CS	TRACTOR, JD AIR DRILL		GRAINS
1	4	6.00	CS	FW AIR TRACTOR OR THRUSH; $250 MIN CHARGE		OVER 20 ACRES; GRASSES, CANOLA; WITH FERT
1	4	5.00	CS	TRACTOR, CASE 7200 HOE DRILL		GRAINS; WITH FERTILIZER
1	4	5.50	CS	LOR-AL FLOATER		GRASSES, CANOLA
1	8	5.00	CS	TRACTOR, MORRIS HOE DRILL		GRAINS
1	16	6.00-8.00	CS	TRACTOR, FRIGGSTAD AIRSEEDER		WITH LIQUID OR GRANULAR FERTILIZER
1	26		CS	PT VALMAR	$1/AC	GRASS SEED
1	26	3.50	CS	VALMAR FLOATER TRUCK		FORAGES WITH FERTILIZER (G)
2	ID7	4.00	CS	FW GRUMMAN AG-CAT		OILSEEDS; UP TO 50 LBS
2	ID7	8.00	CS	FW GRUMMAN AG-CAT		OILSEEDS; 50-100 LBS
2	ID7	10.00	CS	FW GRUMMAN AG-CAT		OILSEEDS; OVER 100 LBS
2	MD44	7.00	CS	TRACTOR, PT 30' JD 9530 HOE DRILL		
2	MD46	3.50	CS	TM LOREL FLOATER		GRASSES OR OILSEEDS; WITH FERTILIZER (G)
2	MD46	4.00	CS	TERRIGATOR FLOATER		CANOLA; WITH FERTILIZER
2	MD46	8.00	CS	TRACTOR, PT JD 666 AIRSEEDER		
2	MD46	8.00	CS	TRACTOR, PT JD 665 AIRSEEDER		

CROP SEEDING 1995

REGION	COUNTY	CUSTOM COST ($/AC)	OPERATION	TYPE OF APPLICATOR	RENTAL COST	NOTES
2	MD99	3.50	CS	LOR-AL FLOATER		GRASSES; WITH FERTILIZER
2	3	2.75	CS	TM WILLMAR		GRASSES, CANOLA, CEREALS; WITH FERTILIZER
2	3	4.00	CS	PT BRILLION PRESS SEED DRILL		HAY/GRASS; CUSTOMER SUPPLIES TRACTOR
2	3	5.00	CS	TRACTOR, BRILLION PRESS SEED DRILL		HAY/GRASS
2	14	4.00	CS	TYLER AIR FLOW FLOATER		GRASSES, CANOLA, GRAINS; WITH FERTILIZER
2	14	4.00	CS	TRACTOR, 30' DOUBLE DISC PRESS DRILL		GRAINS, OILSEEDS
2	17	4.00	CS	TM TYLER AIRFLOW FLOATER		CEREALS; WITH FERTILIZER
2	17	4.25	CS	TYLER FLOATER		GRASSES, CANOLA; WITH FERTILIZER
2	17	4.25	CS	BRILLION GRASS SEEDER; CUST SUPPLIES TRACTOR		GRASSES; WITH FERTILIZER
2	17	4.25	CS	TM LOREL FLOATER		GRASSES OR OILSEEDS; WITH FERTILIZER
2	17	4.75	CS	TERRIGATOR FLOATER		GRASSES OR OILSEEDS; WITH FERTILIZER (G)
2	17	5.00	CS	TRACTOR, 27' WILRICH AIRSEEDER W/VALMAR BOX		GRAIN WITH HAY
2	17	5.00	CS	TRACTOR, BRILLION GRASS SEEDER		GRASSES; WITH FERTILIZER
2	17	7.50	CS	TRACTOR, PT 30' PRESS DRILL		CEREALS
2	18	8.00	CS	TRACTOR, FLEXICOIL AIR SEEDER 2320		GRASSES
2	23	3.50	CS	TM TYLER AIRFLOW FLOATER		GRASSES, OILSEEDS, CEREALS; WITH FERT
2	23	4.50	CS	TYLER FLOATER		GRASSES, CANOLA; WITH FERTILIZER
2	23	4.50	CS	TYLER FLOATER		GRASSES, CANOLA; WITH FERTILIZER
3	MD62		CS	TRACTOR, JD AIRSEEDER WITH PACKER BAR	$4/AC	WITH PURCHASE OF PRODUCT
3	MD61		CS	PT TYLER OR WILLMAR SPIN SPREADER	$1/AC	
3	MD87	4.00	CS	FW CESSNA AG-TRUCK		LEGUMES, OILSEEDS
3	MD87	4.00	CS	FW CESSNA AG-TRUCK		LEGUMES, CANOLA, OILSEEDS

CROP SEEDING 1995

REGION	COUNTY	CUSTOM COST ($/AC)	OPERATION	TYPE OF APPLICATOR	RENTAL COST	NOTES
3	9	10.00	CS	TRACTOR, FLEXICOIL 820 CULT & AIRSEEDER		WITH PACKER BAR; WITH FERTILIZER
3	19	10.00	CS	TRACTOR, JD 655 AIRSEEDER ON BEE-LINE		WITH FERTILIZER
3	21	5.50	CS	TRACTOR, FLEXICOIL CULT WITH AIRSEEDER		WITH FERTILIZER
3	22	3.50	CS	WILLMAR HI-CLEARANCE		CANOLA
3	22	6.50	CS	TRACTOR, PT PRESS DRILL		
3	24	2.25	CS	TM VALMAR		CANOLA, GRASSES
3	24	4.00	CS	TM SPIN SPREADER		WITH FERTILIZER
3	24	6.00	CS	TRACTOR, CULT WITH AIRSEEDER		WITH FERTILIZER
3	24	6.50	CS	TRACTOR, CULT WITH AIRSEEDER WITH PACKER BAR		WITH FERTILIZER
3	29	7.50-8.00	CS	TRACTOR, FLEXICOIL 2320 AIRSEEDER		CEREALS, GRASSES, OILSEEDS
3	29	3.50	CS	FW PIPER PAWNEE		CANOLA
3	29	5.00	CS	FW WITHERLY 620B		CANOLA, GRASSES; WITH FERTILIZER
3	29	7.50	CS	TRACTOR, CONCORDE AIR DRILL		
3	29	8.00	CS	TRACTOR, CONCORDE AIR DRILL		WITH PHOSPHATE FERTILIZER
3	29	8.50	CS	TRACTOR, CONCORDE AIR DRILL		WITH PHOSPHATE FERT & 5 BAR HARROWS
3	29	12.00	ZERO-TILL	FERT (G) APPLIED WITH BROADCAST SEED, FERT (A) BELOW SEED ON STANDING STUBBLE (ONE PASS)		
4	ID14	$7.44/HR	CS	QUAD WITH BROADCASTER		GRASSES
4	10	4.25	CS	TERRIGATOR FLOATER		CEREALS, CANOLA, GRASSES
4	11	3.50	CS	AG-CHEM FLOATER		CEREALS, CANOLA, GRASSES
4	20	3.00	CS	WILLMAR FLOATER		CANOLA; WITH FERTILIZER

CROP SEEDING 1995

REGION	COUNTY	CUSTOM COST ($/AC)	OPERATION	TYPE OF APPLICATOR	RENTAL COST	NOTES
4	25	8.00	CS	TRACTOR, BURLEON SEEDER		OVER 100 ACRES
4	25	7.50	CS	TRACTOR, BURLEON SEEDER		SMALL ACREAGE; 20 ACRES
4	26	$75/HR	CS	TRACTOR, PT JD 665 AIRSEEDER		WITH GRANULAR FERTILIZER
4	26	5.50	CS	WILLMAR FLOATER		GRASSES, CEREALS, CANOLA; WITH FERTILIZER
5	ID17	4.00	CS	LOR-AL FLOATER		WITH FERTILIZER
5	ID19	6.60	CS	TRACTOR, 30' JD 9350 HOE DRILL		WHEAT, BARLEY OR CANOLA WITH FERTILIZER
5	MD130	3.50-3.75	CS	FW PIPER PAWNEE		PLUS $0.01/LB CANOLA, GRASSES MIX WITH FERT
5	MD133	7.00	CS	TRACTOR, 30' BOURGEAULT AIRSEEDER		WITH PACKER/HARROWS; WITH FERTILIZER
5	1	5.50	CS	TRACTOR, JD 9350 HOE DRILL		
5	1	7.00	CS	TRACTOR, FLEXICOIL CULT W/ AIRSEEDER		

LEGEND

ST - SOIL TESTING CS - CROP SEEDING FA - FERTILIZER APPLICATION HA - HERBICIDE APPLICATION

SP - SELF PROPELLED PT - PULL TYPE TM - TRUCK MOUNT FW - FIXED WING JD - JOHN DEERE VERS - VERSATILE

FERT- FERTILIZER HERB - HERBICIDE G - GRANULAR L - LIQUID A - ANHYDROUS AC - ACRE HR - HOUR

FERTILIZER APPLICATION 1995

REGION	COUNTY	CUSTOM COST ($/AC)	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	NOTES
1	MD6	3.25	FA	G	TERRIGATOR FLOATER TRUCK		
1	MD6	3.00	FA	G	TRACTOR, PT WILLMAR SPIN SPREADER		
1	MD14	3.50	FA	G	TERRIGATOR FLOATER		
1	MD14	4.25	FA,HA	G	TERRIGATOR FLOATER		
1	MD14		FA	L	PT DRIBBLE WAGON	$1.50/AC	WITH PURCHASE OF PRODUCT
1	MD14	3.50	FA	G	LOR-AL FLOATER		
1	MD14	4.50	FA,HA	G	LOR-AL FLOATER		
1	MD14	4.00	FA	G	TYLER AIR FLOW FLOATER		
1	MD14	3.50-3.75	FA	G	TM WILLMAR		
1	MD14		FA	G	PT WILLMAR SPIN SPREADER	$1/AC	MAXIMUM $75/DAY
1	MD26	7.50	FA,HA	G	TRACTOR, FLEXICOIL AIRSEEDER WITH VALMAR BOX		
1	MD26		FA	G	PT WILLMAR SPIN SPREADER	$3/TONNE	WITH PURCHASE OF PRODUCT
1	MD26		FA	L	CULTIVATOR WITH DRIBBLE BOX	$15/TONNE	WITH PURCHASE OF PRODUCT
1	MD26		FA	L	PT BANDWAGON	$1/AC	WITH PURCHASE OF PRODUCT
1	MD26		FA	L	PT 60' DRIBBLE WAGON	$1/AC	
1	MD31	3.50	FA	G	LOR-AL FLOATER TRUCK		
1	MD31		FA	G	PT WILLMAR SPIN SPREADER	$ N/C	WITH PURCHASE OF PRODUCT
1	2		FA	G	CULTIVATOR WITH JD AIRSEEDER	$3.50/AC	WITH ANHY KIT AND VALMAR KIT
1	2	3.75	FA	G	LOR-AL FLOATER		
1	2	4.75	FA,HA	G	LOR-AL FLOATER		
1	2		FA	G	PT WILLMAR SPIN SPREADER	$5-10/TONNE	WITH PURCHASE OF PRODUCT
1	4	3.50	FA&HA	L	TERRIGATOR FLOATER		
1	4	3.00	FA	L	TERRIGATOR FLOATER		
1	4	4.50	FA	G	LOR-AL FLOATER		
1	4	4.50	FA,HA	G,L	LOR-AL FLOATER		
1	4	4.00	FA	L	FW AIR TRACTOR OR THRUSH; $250 MIN CHARGE		WITHIN 4 MILE RADIUS OF AIRPORT
1	4	5.50	FA	L	FW AIR TRACTOR OR THRUSH; $250 MIN CHARGE		4-8 MILE RADIUS OF AIRPORT
1	4	7.50	FA	L	FW AIR TRACTOR OR THRUSH; $250 MIN CHARGE		8-12 MILE RADIUS OF AIRPORT

FERTILIZER APPLICATION 1995

REGION	COUNTY	CUSTOM COST ($/AC)	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	NOTES
1	5		FA	G	PT WILLMAR SPIN SPREADER	$5/TONNE	WITH PURCHASE OF PRODUCT
1	5		FA	L	PT DRIBBLE WAGON	$1/AC	WITH PURCHASE OF PRODUCT
1	8	4.00	FA	G	LOR-AL FLOATER		WITH PURCHASE OF PRODUCT
1	8		FA	L	PT BANDWAGON	$1/AC	WITH PURCHASE OF PRODUCT
1	8		FA	L	PT CUSTOM SPRAYER	$1/AC	WITH PURCHASE OF PRODUCT
1	8	4.50	FA	L	TM WILLMAR FLOATER		WITH PURCHASE OF PRODUCT
1	8	4.00	FA	G	LOR-AL FLOATER		
1	8		FA	G	PT WILLMAR OR TYLER SPIN SPREADER	$25/SEASON	
1	16	6.00-8.00	FA	G OR L	TRACTOR, FRIGSTAAD CULT WITH AIRSEEDER		WITH SEEDING
1	16		FA	G	TM WILLMAR FLOATER	$1/AC	MAXIMUM OF $100/DAY
1	16	3.00	FA	G	LOR-AL FLOATER		
1	16	3.50	FA&HA	G	LOR-AL FLOATER		FERTILIZER WITH HERBICIDE
1	16	3.50	FA	G	LOR-AL FLOATER		
1	26	3.25	FA	G	WILLMAR FLOATER		
1	26		FA	L	PT DRIBBLE WAGON	$1.50/AC	WITH PURCHASE OF PRODUCT
1	26		FA	L	PT SIDE BANDER	$2.50/AC	WITH PURCHASE OF PRODUCT
1	26		FA	L	PT BAND WAGON	$1/AC	LESS THAN 500 ACRES
1	26		FA	L	PT BAND WAGON	$0.75/AC	MORE THAN 500 ACRES
1	26	4.00	FA	G	TERRIGATOR FLOATER		
1	26	4.50	FA,HA	G	TERRIGATOR FLOATER		
1	26		FA	G	PT WILLMAR SPIN SPREADER	$5/TONNE	WITH PURCHASE OF PRODUCT
1	26	3.50	FA	G	VALMAR FLOATER TRUCK		
1	26	3.00	FA	G	TRACTOR, WILLMAR SPIN SPREADER		
1	26	3.50	FA	G	LOR-AL FLOATER		
1	26	4.50	FA,HA	G	LOR-AL BOOM SPREADER FLOATER TRUCK		WITH HERBICIDE
1	26		FA	G	PT WILLMAR SPIN SPREADER	$5/TONNE	WITH PURCHASE OF PRODUCT
1	26		FA	G	PT WILLMAR SPIN SPREADER	$6/TONNE	WITH PURCHASE OF PRODUCT

FERTILIZER APPLICATION 1995

REGION	COUNTY	CUSTOM COST ($/AC)	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	NOTES
2	CALGARY		FA	G	PT WILLMAR SPIN SPREADER	$1/AC	WITH PURCHASE OF PRODUCT
2	CALGARY	3.50	FA	G	LOR-AL FLOATER		
2	CALGARY	3.00	FA	G	FIELD JIMMY FLOATER		
2	CALGARY	5.00	FA	L	CUSTOM TANDEM TRUCK SPRAYER		MUST PURCHASE PRODUCT
2	CALGARY	3.75	FA&HA	L	CUSTOM FLOATER SPRAY TRUCK		MUST PURCHASE PRODUCT
2	CALGARY	3.00	FA	L	CUSTOM FLOATER SPRAY TRUCK		MUST PURCHASE PRODUCT
2	MD44		FA&HA	G	PT SIMONSON SPIN SPREADER	$2.50/AC	WITH PURCHASE OF PRODUCT
2	MD44		FA	G	PT SIMONSON SPIN SPREADER	$2/AC	WITH PURCHASE OF PRODUCT
2	MD44	3.50	FA	G	TM LOR-AL FLOATER		
2	MD44	3.25	FA	G	LOR-AL FLOATER		
2	MD44		FA	G	PT WILLMAR SPIN SPREADER	$0.50/AC	WITH PURCHASE OF PRODUCT
2	MD48	3.75	FA	G	TERRIGATOR FLOATER		
2	MD48	3.50	FA	G	LOR-AL FLOATER		
2	MD48	3.25	FA&HA	L	TERRIGATOR FLOATER		FERTILIZER WITH HERBICIDE
2	MD99	3.25	FA	G	LOR-AL FLOATER		
2	MD99		FA	G	PT WILLMAR SPIN SPREADER	$5/TONNE	WITH PURCHASE OF PRODUCT
2	SA4	3.50	FA	G	TRACTOR, FRIGSTAAD CULT WITH BANDER		
2	SA4		FA	G	PT WILLMAR SPIN SPREADER	$0.50/AC	WITH PURCHASE OF PRODUCT
2	3	2.75	FA	G	TM WILLMAR		
2	3		FA	G	PT WILLMAR SPIN SPREADER	$4.25/TONNE	WITH PURCHASE OF PRODUCT
2	6	3.75	FA	G	TYLER AIR-FLOW FLOATER		
2	6		FA	G	PT WILLMAR SPIN SPREADER	$1/AC	WITH PURCHASE OF PRODUCT
2	6	4.00	FA,HA	G	TYLER AIR-FLOW FLOATER		
2	6	6.00	FA	L	TRACTOR, 42' CULT WITH TANK BEHIND		BANDING

FERTILIZER APPLICATION 1995

REGION	COUNTY	CUSTOM COST ($/AC)	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	NOTES
2	14	4.00	FA	G	TYLER AIR-FLOW FLOATER		
2	14		FA	G	PT WILLMAR SPIN SPREADER	$1.25/AC	WITH PURCHASE OF PRODUCT
2	14	7.50	FA	G	TRACTOR, CONCORDE 1502 AIRSEEDER		
2	14	3.50	FA	G	TM BARBER		
2	14	3.50	FA	G	TYLER FLOATER TRUCK		
2	14		FA	G	PT TYLER OR WILLMAR SPIN SPREADER	$1/AC	WITH PURCHASE OF PRODUCT
2	17	6.00	FA	A	TRACTOR, CULTIVATOR WITH COLD FLOW KIT		
2	17	3.50	FA	G	TYLER AIR-FLOW FLOATER		
2	17	3.75	FA&HA	L	SP WILLMAR AIR-RICH HI-CLEARANCE SPRAYER		FERTILIZER WITH HERBICIDE
2	18	6.00-7.00	FA	G	TRACTOR, FLEXICOIL AIRSEEDER 2320		
2	23	3.50	FA	G	LOR-AL FLOATER		
2	23		FA	G	PT WILLMAR SPIN SPREADER	$1/AC	
2	23		FA	A	PT ANHYDROUS APPLICATOR	$40/TONNE	
2	23		FA	G	PT BANDICATOR	$2/AC	
2	23	3.25	FA	G	TYLER FLOATER		
2	23	3.50	FA&HA	G	TYLER FLOATER		WITH HERBICIDE (G)
2	23	3.50	FA	G	WILLMAR FLOATER		
2	23	3.50	FA&HA	G	TM LOR-AL FLOATER		FERTILIZER WITH HERBICIDE
2	23	3.50	FA&HA	G&L	EMC FLOATER		FERTILIZER WITH TREFLAN AND AVADEX
2	23	4.00	FA	G	TYLER FLOATER		
3	MD52		FA	G	PT SIMONSON SPIN SPREADER	$1/AC	WITH PURCHASE OF PRODUCT
3	MD52	5.50	FA	A	TRACTOR, 40' CULT WITH AIRSEEDER & COLD FLOW KIT		PLUS FUEL
3	MD52	5.50	FA	G	TRACTOR, 40' CULT WITH AIRSEEDER		PLUS FUEL
3	MD52		FA	G	PT SPIN SPREADER	$ N/C	WITH PURCHASE OF PRODUCT
3	MD52	3.95	FA	L	BIG WHEEL FLOATER		

FERTILIZER APPLICATION 1995

REGION	COUNTY	CUSTOM COST ($/AC)	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	NOTES
3	MD61		FA	G	PT WILLMAR SPIN SPREADER	$10/TONNE	WITH PURCHASE OF PRODUCT
3	MD61		FA	G	PT TYLER SPIN SPREADER	$10/TONNE	WITH PURCHASE OF PRODUCT
3	MD61	3.75	FA	L	TERRIGATOR FLOATER		
3	MD61	4.00	FA&HA	L	TERRIGATOR FLOATER		FERTILIZER WITH HERBICIDE
3	9	3.50-3.75	FA	G	TERRIGATOR FLOATER		
3	9	4.00	FA	L	AG-CHEM ROGATER HI-CLEARANCE SPRAYER		
3	9		FA	G	PT MOBILITY SPIN SPREADER	$9.50/TONNE	WITH PURCHASE OF PRODUCT
3	19	4.00	FA	G	TERRIGATOR FLOATER		
3	19		FA	G	PT WILLMAR SPIN SPREADER	$8/TONNE	WITH PURCHASE OF PRODUCT
3	21	5.50	FA	L&G	TRACTOR, FLEXICOIL CULT WITH AIRSEEDER		BANDING
3	22	3.50-5.00	FA	G	WILLMAR HI-CLEARANCE		
3	22	3.50	FA	L	WILLMAR HI-CLEARANCE SPRAYER		
3	22		FA	G	PT WILLMAR SPIN SPREADER	$1/AC	WITH PURCHASE OF PRODUCT
3	22		FA&HA	G	PT MORRIS AIRSEEDER	$3.50/AC	WITH PURCHASE OF PRODUCT
3	22	3.00	FA&HA	G	WILLMAR FLOATER WITH VALMAR BOX		
3	22		FA	G	PT WILLMAR SPIN SPREADER	$40/DAY	WITH PURCHASE OF PRODUCT
3	22	3.00	FA	G	TM WILLMAR SPIN SPREADER		
3	24		FA	G	PT SIMONSON SPIN SPREADER	$0.50/AC	WITH PURCHASE OF PRODUCT
3	24		FA	G	PT WILLMAR SPIN SPREADER	$25/DAY	WITH PURCHASE OF PRODUCT
3	24		FA	G	PT EZEE-ON CULT WITH DEEP BANDER	$3.50/AC	WITH PURCHASE OF PRODUCT
3	24	6.50	FA	G	TRACTOR, CULT WITH AIRSEEDER & PACKER BAR		
3	24	3.00	FA	G	TM SPIN SPREADER		
3	24		FA	G	WILLMAR SPIN SPREADER	$5/TONNE	WITH PURCHASE OF PRODUCT

FERTILIZER APPLICATION 1995

REGION	COUNTY	CUSTOM COST ($/AC)	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	NOTES
3	27	5.00	FA	G	TRACTOR, PRASCO AIRSEEDER		BANDING
3	27		FA	L	PT DEEP BANDING WAGON	$5/TONNE	WITH PURCHASE OF PRODUCT
3	27		FA	L	PT DEEP BANDING WAGON	$1/AC	WITH PURCHASE OF PRODUCT
3	27	2.75	FA	G	FLEXICOIL CULT WITH AIRSEEDER & BANDING BOX		BANDING
3	29		FA	G	PT WILLMAR SPIN SPREADER	$5/TONNE	
3	29	4.00	FA	L	FW PIPER PAWNEE		1-2 GALLONS WATER
3	29	5.25	FA	L	FW PIPER PAWNEE		4 GALLONS WATER
3	29	4.50	FA	L	FW PIPER PAWNEE		3 GALLONS WATER
3	29	6.00	FA	L	FW PIPER PAWNEE		5 GALLONS WATER
3	29	7.50	FA	G	TRACTOR, CONCORDE AIRSEEDER		UNWORKED STUBBLE, BANDING
3	29	8.00	FA,HA	G	TRACTOR, CONCORDE AIRSEEDER		UNWORKED STUBBLE, BANDING
3	29	7.00	FA	G	TRACTOR, CONCORDE AIRSEEDER		PREWORKED STUBBLE, BANDING
3	29	7.50	FA,HA	G	TRACTOR, CONCORDE AIRSEEDER		PREWORKED STUBBLE, BANDING
3	29	11.00-13.00	FA	G,A	FLEXICOIL AIRSEEDER WITH COLD FLOW KIT, VALMAR BOX		
4	ID14	3.00	FA	G	TRACTOR, WILLMAR SPIN SPREADER		
4	MD80		FA	G	PT WILLMAR OR SIMONSON SPIN SPREADER	$5.50/TONNE	WITH PURCHASE OF PRODUCT
4	MD80	3.50	FA	G	LOR-AL FLOATER		WITH PURCHASE OF PRODUCT
4	MD80	3.50	FA	G	TERRIGATOR FLOATER		
4	MD80	3.50	FA,HA	G,L	TERRIGATOR FLOATER		
4	MD80		FA	G	PT WILLMAR SPIN SPREADER	$5.50/TONNE	WITH PURCHASE OF PRODUCT
4	MD80		FA,HA	A,G	CULTIVATOR WITH COLD FLOW KIT & VALMAR BOX	$2.25/AC	WITH PURCHASE OF PRODUCT
4	MD80	3.00	FA	G	WILLMAR FLOATER		
4	MD80	3.00	FA,HA	G,L	WILLMAR FLOATER		
4	MD80		FA,HA	G	CULT WITH AIRSEEDER WITH VALMAR BOX	$2.75/AC	WITH PURCHASE OF PRODUCT
4	MD80		FA	G	PT WILLMAR OR SIMONSEN SPIN SPREADERS	$7/TONNE	WITH PURCHASE OF PRODUCT
4	MD92	4.00	FA	L	PATRIOT GROUND SPRAYER		WITH PURCHASE OF PRODUCT
4	MD92	3.75	FA	G	LOR-AL FLOATER		WITH PURCHASE OF PRODUCT
4	MD92		FA	A	CULTIVATOR WITH ANHYDROUS KIT	$2.50/AC	INCLUDES MACHINE & FERTILIZER
4	MD92	2.50	FA	G	TM WILLMAR		

FERTILIZER APPLICATION 1995

REGION	COUNTY	CUSTOM COST ($/AC)	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	NOTES
4	7		FA	G	PT WILLMAR OR SIMONSEN SPIN SPREADER	$7/TONNE	WITH PURCHASE OF PRODUCT
4	7	3.25	FA	G	SIMONSEN FLOATER		
4	10	3.50	FA	G	TERRIGATOR FLOATER		
4	10		FA	G	PT WILLMAR SPIN SPREADER	$1/AC	WITH PURCHASE OF PRODUCT
4	11	4.00	FA	G	TERRIGATOR FLOATER		
4	11	4.00	FA	L	TERRIGATOR FLOATER		
4	11	4.00	FA	L	AG-CHEM ROGATER HI-CLEARANCE SPRAYER		
4	11	3.50	FA	G,L	TERRIGATOR FLOATER		BANDING
4	11		FA	G	PT WILLMAR SPIN SPREADER	$4/TONNE	WITH PURCHASE OF PRODUCT
4	11	3.50	FA	G	AG-CHEM FLOATER		
4	11		FA	G	PT WILLMAR SPIN SPREADER	$5/TONNE	WITH PURCHASE OF PRODUCT
4	20	3.00	FA	G	WILLMAR FLOATER		
4	20		FA	G	PT WILLMAR SPIN SPREADER	$5/TONNE	WITH PURCHASE OF PRODUCT
4	20		FA	G	PT WILLMAR OR SIMONSEN SPIN SPREADER	$7/TONNE	WITH PURCHASE OF PRODUCT
4	25		FA	G	BANDER ON CULT W/VALMAR BOX	$4/AC	WITH PURCHASE OF PRODUCT
4	25		FA	G	PT WILLMAR OR SIMONSON SPIN SPREADER	$20/DAY	WITH PURCHASE OF PRODUCT
4	25	2.50	FA	G	TRACTOR, JD 620 DEEP BANDER		
4	25		FA	G	PT WILLMAR 500 SPIN SPREADER	$75/DAY	WITH PURCHASE OF PRODUCT
4	25	3.50	FA	G	WILLMAR OR SIMONSEN FLOATER		
4	25	3.50	FA,HA	G,L	WILLMAR, SIMONSEN OR TERRIGATOR FLOATER		
4	25		FA	G	PT WILLMAR OR SIMONSEN SPIN SPREADER	$1/AC	WITH PURCHASE OF PRODUCT
4	28	$75/HR	CS&FA	G	TRACTOR, JD 695 AIR SEEDER		SEEDING WITH FERTILIZER
4	28	3.50	FA	G	WILLMAR FLOATER		
4	28		FA	G	PT WILLMAR, TYLER OR SIMONSON SPIN SPREADER	$5/TONNE	WITH PURCHASE OF PRODUCT
4	28	3.50	FA,HA	G,L	WILLMAR FLOATER		

FERTILIZER APPLICATION 1995

REGION	COUNTY	CUSTOM COST ($/AC)	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	NOTES
4	31		FA	G	PT WILLMAR SPIN SPREADER	$25/DAY	WITH PURCHASE OF PRODUCT
4	31	3.50	FA	G	TERRIGATOR FLOATER		
4	31		FA	G	PT SIMONSEN SPIN SPREADER	$8/TONNE	WITH PURCHASE OF PRODUCT
5	ID16		FA	G	PT WILLMAR SPIN SPREADER	$40/DAY	
5	ID17	3.50	FA	G	LOR-AL TURBO XT4 BOOM AIR		
5	ID17	4.00	FA,HA	G	LOR-AL TURBO XT4 BOOM AIR		WITH HERBICIDE
5	ID19	6.50	FA	A	TRACTOR, 25' CULT WITH AIRSEEDER & COLD FLOW KIT		
5	ID19	$117/HR	FA	A	TRACTOR, 25' CULT WITH AIRSEEDER & COLD FLOW KIT		
5	MD130		FA	G	PT WILLMAR SPIN SPREADER	$35/DAY	WITH PURCHASE OF PRODUCT
5	MD133	3.50	FA	G	TM WILLMAR SPIN SPREADER		
5	MD133	7.00	FA	G	TRACTOR, 30' BOURGEAULT AIRSEEDER		WITH PACKER/HARROWS
5	MD136	3.00	FA	G	TM SPIN SPREADER		
5	MD136	3.75	FA	L	TERRIGATOR FLOATER		
5	1	7.00	FA	G	TRACTOR, CONCORDE AIRSEEDER		
5	1	3.50	FA	G	LOR-AL AIR-FLOW FLOATER		
5	1	3.50	FA	G	LOR-AL AIR-FLOW FLOATER		
5	1	4.00	FA	L	AG-CHEM ROGATER HI-CLEARANCE SPRAYER		
5	1	3.75	FA	G	BIG A 3500 FLOATER		
5	1	3.50	FA	G	LOR-AL AIR-FLOW FLOATER		
5	1	7.00	FA	G	TRACTOR, 44' CULT WITH AIR FLOW KIT & BANDING BOX		

LEGEND

FA - FERTILIZER APPLICATION HA - HERBICIDE APPLICATION ST - SOIL TESTING CS - CROP SEEDING L - LIQUID G - GRANULAR A - ANHYDROUS

SP - SELF PROPELLED PT - PULL TYPE TM - TRUCK MOUNT FW - FIXED WING JD - JOHN DEERE VERS - VERSATILE AC - ACRE HR - HOUR

HERBICIDE APPLICATION 1995

REGION	COUNTY	CUSTOM COST ($/AC)	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	NOTES
1	MD6	3.25	HA	G	TERRIGATOR FLOATER TRUCK		
1	MD6	3.25	HA	L	SP PATRIOT SPRAYER		5 GALLON
1	MD6	3.25	HA	L	TM AG-SHIELD SPRAYER		5 GALLON
1	MD6	3.50	HA	L	WILLMAR AIR-RIDE SPRAYER		5 GALLON
1	MD14	2.50	HA	L	PT VERSATILE 580 GROUND SPRAYER		
1	MD14	4.25	HA,FA	G	TERRIGATOR FLOATER		
1	MD14	5.00	HA	L	TERRIGATOR FLOATER		5 GALLON
1	MD14	6.00	HA	L	TERRIGATOR FLOATER		10 GALLON
1	MD14	3.50	HA	L	TERRIGATOR FLOATER		20 GALLON
1	MD14	4.50	HA,FA	G	LOR-AL FLOATER		
1	MD14		HA	G	PT LOR-AL AIR-FLOW	$1/AC	MAXIMUM $75/DAY
1	MD14	2.00	HA	G	TM BEE-LINE		
1	MD14	3.50	HA	G	WILLMAR HI-CLEARANCE SPRAYER		5 GALLON
1	MD14	4.00	HA	G	WILLMAR HI-CLEARANCE SPRAYER		10 GALLON
1	MD14	5.50	HA	G	WILLMAR HI-CLEARANCE SPRAYER		20 GALLON
1	MD28	7.50	HA,FA	G	TRACTOR, FLEXICOIL AIRSEEDER WITH VALMAR BOX		
1	MD28		HA	G	PT NODET	$20/DAY	WITH PURCHASE OF PRODUCT
1	MD28	3.00	HA	L	TRACTOR, 60' BOOM SPRAYER		5 GALLON
1	MD31	3.50	HA	G	LOR-AL FLOATER		
1	MD31	3.50	HA	L	TM BOOM SPRAYER		
1	2	3.00	HA	L	TRACTOR, PT BOOM SPRAYER		
1	2	3.75-4.75	HA	L	FW CESSNA AG-TRUCK		
1	2	4.75	HA,FA	G	LOR-AL FLOATER		
1	2		HA	G	PT VALMAR	$1/AC	WITH PURCHASE OF PRODUCT
1	2	3.75	HA	L	GALLENBURG HI-CLEARANCE SPRAYER		5 GALLON
1	2	4.00	HA	L	GALLENBURG HI-CLEARANCE SPRAYER		10 GALLON

HERBICIDE APPLICATION 1995

REGION	COUNTY	CUSTOM COST ($/AC)	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	NOTES
1	4	3.00	HA&FA	L	TERRIGATOR FLOATER		
1	4	4.00	HA	L	TERRIGATOR FLOATER		20 GALLON
1	4	4.25	HA	L	TERRIGATOR FLOATER		21-30 GALLON
1	4	5.50	HA	L	TERRIGATOR FLOATER		31-40 GALLON
1	4	7.00	HA	L	TERRIGATOR FLOATER		41-50 GALLON
1	4	5.00	HA	L	HAGIE HI-CLEARANCE SPRAYER		5-10 GALLON
1	4	3.50	HA	L	FW AIR TRACTOR OR THRUSH		1 GALLON
1	4	4.50	HA	L	FW AIR TRACTOR OR THRUSH		3 GALLON
1	4	5.50	HA	L	FW AIR TRACTOR OR THRUSH		5 GALLON
1	4	6.90	HA	L	FW AIR TRACTOR OR THRUSH		10 GALLON
1	4	4.00	HA	L	HAGIE HI-CLEARANCE SPRAYER		5 GALLON
1	4	4.50	HA	L	HAGIE HI-CLEARANCE SPRAYER		10 GALLON
1	5	3.25	HA	L	FW PIPER BRAVE		1 GALLON
1	5	4.00	HA	L	FW PIPER BRAVE		3 GALLON
1	5	5.00	HA	L	FW PIPER BRAVE		5 GALLON
1	6	5.00	HA	G	LOR-AL FLOATER TRUCK		
1	6	3.50	HA	L	TYLER PATRIOT HI-CLEARANCE SPRAYER		5 GALLON
1	6	4.00	HA	L	TYLER PATRIOT HI-CLEARANCE SPRAYER		10 GALLON
1	6	6.50	HA	L	TYLER PATRIOT HI-CLEARANCE SPRAYER		20 GALLON; ROW CROP
1	8		HA	G	PT VALMAR	$100/DAY	WITH PURCHASE OF PRODUCT
1	16		HA	G	PT VALMAR AIR FLOW	$1/AC	WITH PURCHASE OF PRODUCT
1	16		HA	G	PT VALMAR AIR FLOW	$1/AC	MAXIMUM OF $100/DAY, WITH PURCHASE
1	16	5.00	HA	G	TRACTOR, 50' HARROW BAR WITH VALMAR BOX		
1	16	3.75	HA	L	FW GRUMMAN AG-CAT		1 GALLON
1	16	4.00	HA	L	FW GRUMMAN AG-CAT		2 GALLON

HERBICIDE APPLICATION 1995

REGION	COUNTY	CUSTOM COST ($/AC)	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	NOTES
1	28	4.50	HA,FA	G	TERRIGATOR FLOATER		
1	28		HA	G	PT VALMAR	$1/AC	WITH PURCHASE OF PRODUCT
1	28	3.50	HA	G	VALMAR FLOATER TRUCK		
1	28	2.50	HA	G	TM VALMAR		
1	28	4.50	HA,FA	G	LOR-AL BOOM SPREADER FLOATER TRUCK		WITH FERTILIZER
1	28	2.50	HA	G	TM VALMAR		
1	28	4.00	HA	L	TRACTOR, PT GROUND SPRAYER		
2	CALGARY		HA	G	PT VALMAR AIRFLOW	$1/AC	WITH PURCHASE OF PRODUCT
2	CALGARY	3.75	HA&FA	L	CUSTOM FLOATER SPRAY TRUCK		WITH FERTILIZER; MUST PURCHASE
2	CALGARY	4.00-5.00	HA	L	CUSTOM FLOATER SPRAY TRUCK		WITH PURCHASE OF PRODUCT
2	CALGARY	2.75	HA	L	TRACTOR, 80' INLAND FIELD SPRAYER		
2	ID7	4.00	HA	G	FW GRUMMAN AG-CAT		UP TO 50LBS/ACRE
2	ID7	8.00	HA	G	FW GRUMMAN AG-CAT		50-100 LBS/ACRE
2	ID7	10.00	HA	G	FW GRUMMAN AG-CAT		OVER 100 LBS/ACRE
2	MD44		HA	G	PT NODET	$1.50/AC	WITH PURCHASE OF PRODUCT
2	MD44	3.50	HA	L	TM AG-SHIELD		
2	MD44	3.75	HA	L	WILLMAR FLOATER		
2	MD48	3.75	HA	L	HAIGIE HI-CLEARANCE SPRAYER		
2	MD48	2.00	HA	G	TM VALMAR		
2	MD48	3.25	HA&FA	L	TERRIGATOR FLOATER		FERTILIZER WITH HERBICIDE
2	MD48	3.25	HA	L	TM AG-SHIELD SPRAYER		
2	SA4		HA	G	CULTIVATOR WITH VALMAR BOX	$3/AC	WITH PURCHASE OF PRODUCT
2	3	3.75	HA	L	PATRIOT XL HI-CLEARANCE SPRAYER		5 OR 10 GALLON
2	3		HA	G	PT NODET	$1/AC	WITH PURCHASE OF PRODUCT

HERBICIDE APPLICATION 1995

REGION	COUNTY	CUSTOM COST ($/AC)	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	COST	RENTAL NOTES
2	6	4.00	HA,FA	G	TYLER AIR-FLOW FLOATER		
2	14	3.50	HA	L	TRACTOR, PT SPRAY AIR		
2	14		HA	G	PT BEE-LINE	$1/AC	
2	14	3.00	HA	L	FW CESSNA AG-WAGON		1 GALLON
2	14	3.50	HA	L	FW CESSNA AG-WAGON		2 GALLON
2	14	5.00	HA	L	FW CESSNA AG-WAGON		5 GALLON
2	14	3.75	HA	L	AG-CHEM ROGATER		5 GALLON
2	17	3.50	HA	L	TM HARDY SPRAYER		
2	17	3.75	HA	L	WILLMAR HI-CLEARANCE SPRAYER		5 GALLON
2	17	3.75	HA	L	WILLMAR HI-CLEARANCE SPRAYER		10 GALLON
2	18	2.75	HA	L	PT COMPUTER SPRAYER		5 GALLON
2	18	3.00	HA	L	PT COMPUTER SPRAYER		10 GALLON
2	18	6.00-7.00	HA	G	TRACTOR, FLEXICOIL AIRSEEDER 2320		
2	23		HA	G	PT VALMAR	$1/AC	WITH PURCHASE OF PRODUCT
2	23	3.50	HA	G	LOR-AL FLOATER		
2	23	3.50	HA&FA	G	EMC FLOATER		FERTILIZER WITH HERBICIDE
2	23	3.50	HA&FA	G	TM LOR-AL FLOATER		FERTILIZER WITH HERBICIDE
2	23	3.50	HA&FA	G	TM TYLER M2-50		FERTILIZER WITH HERBICIDE
2	23	3.75	HA	L	SP HIGH CLEARANCE AG-CHEM ROGATOR		
2	23	4.50	HA&FA	G	TYLER FLOATER		FERTILIZER WITH HERBICIDE
2	23	3.75-5.00	HA	L	DEGAHN AIR-ASSIST SPRAYER		3 GALLON
3	MD52	1.25	HA	L	BIG WHEEL FLOATER		PLUS $125/HR; 5 GALLON
3	MD52	3.50	HA	L	AG-CHEM ROGATER HI-CLEARANCE SPRAYER		5 GALLON
3	MD52	3.95	HA	L	AG-CHEM ROGATER HI-CLEARANCE SPRAYER		10 GALLON

HERBICIDE APPLICATION 1995

REGION	COUNTY	CUSTOM COST ($/AC)	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	COST	RENTAL NOTES
3	MD81		HA	G	PT NOZZET	$1/AC	WITH PURCHASE OF PRODUCT
3	MD81	3.75	HA&FA	L	SP TERRIGATOR FLOATER		FERTILIZER WITH HERBICIDE
3	MD81	3.00	HA	L	TERRIGATOR FLOATER		
3	MD87	3.75	HA	L	FW CESSNA AG-TRUCK		
3	9	4.00	HA	L	AG-CHEM ROGATER HI-CLEARANCE SPRAYER		
3	9	4.00	HA	L	HAIGE HI-CLEARANCE SPRAYER		
3	9	3.50	HA	G	TM VALMAR		
3	9		HA	G	PT VALMAR	$1/AC	
3	9	3.75-4.25	HA	L	TYLER PATRIOT HI-CLEARANCE SPRAYER		
3	9	3.75	HA	L	MELROE 3630 SPRAYER		OVER 150 ACRES
3	9	3.50-4.00	HA	L	AG-CHEM ROGATER 854 HI-CLEARANCE SPRAYER		
3	19	4.00	HA	G	TERRIGATOR FLOATER		
3	19	3.75	HA	L	SP SPRAY COUP		5 GALLON
3	19		HA	G	PT VALMAR	$1/AC	WITH PURCHASE OF PRODUCT
3	22		HA&FA	G	PT MORRIS AIRSEEDER WITH VALMAR BOX	$3.50/AC	WITH PURCHASE OF PRODUCT
3	22	2.25	HA	L	PT [illegible] SPRAYER		
3	22	3.50	HA	L	WILLMAR HI-CLEARANCE SPRAYER		5 OR 10 GALLON
3	22	5.00	HA	L	WILLMAR HI-CLEARANCE SPRAYER		20 GALLON
3	24		HA	G	PT VALMAR	$25/DAY	WITH PURCHASE OF PRODUCT
3	24	2.50	HA	G	TM VALMAR		WITH PURCHASE OF PRODUCT
3	24		HA	G	FLEXICOIL CULT WITH AIRSEEDER WITH VALMAR BOX	$4/AC	
3	24		HA	G	PT VALMAR	$0.50/AC	WITH PURCHASE OF PRODUCT
3	24		HA	G	PT NOZZET	$0.50/AC	WITH PURCHASE OF PRODUCT
3	24	2.25	HA	G	TM VALMAR		

HERBICIDE APPLICATION 1995

REGION	COUNTY	CUSTOM COST ($/AC)	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	NOTES
3	29	7.50-8.00	HA	G	TRACTOR, FLEXICOIL AIRSEEDER 2320		
3	29		HA	G	PT VALMAR	$1/AC	WITH PURCHASE OF PRODUCT
3	29	3.00-3.50	HA	L	SP SPRAY COUP		5 GALLON
3	29	3.50-4.00	HA	L	HI-CLEARANCE TYLER PATRIOT SPRAYER		
3	29	3.50	HA	L	SP SPRAY COUP		5 GALLON
3	29	4.00	HA	L	SP SPRAY COUP		10 GALLON
3	29	5.00	HA	L	FW WITHERLY 620B		1 GALLON
3	29	5.50	HA	L	FW WITHERLY 620B		2 GALLON
3	29	6.00	HA	L	FW WITHERLY 620B		3 GALLON
3	29	7.00	HA	L	FW WITHERLY 620B		5 GALLON
3	29		HA	G	PT VALMAR	$0.75/AC	WITH PURCHASE OF PRODUCT
4	ID14	3.00	HA	L	TRACTOR, PT VERSATILE BOOM SPRAYER		
4	ID14	$7/4HR	HA	L	QUAD, 42' BOOM JET		5-10 GALLON
4	ID14	4.00-5.00	HA	L	TRACTOR, VERSATILE 72' BOOM SPRAYER		5-10 GALLON
4	MD90		HA	G	PT VALMAR	$1/AC	WITH PURCHASE OF PRODUCT
4	MD90		HA,FA	G	CULT WITH AIRSEEDER WITH VALMAR BOX	$2.75/AC	WITH PURCHASE OF PRODUCT
4	MD90	3.00	HA,FA	L,G	WILLMAR FLOATER		
4	MD90		HA	G	PT VALMAR	$1/AC	WITH PURCHASE OF PRODUCT
4	MD92		HA	G	PT VALMAR	$1/AC	WITH PURCHASE OF PRODUCT
4	MD92	3.50	HA,FA	G	TERRIGATOR FLOATER		
4	MD92	3.00	HA	G	TM VALMAR		
4	MD90	3.00	HA	G	TERRIGATOR FLOATER		
4	MD90	3.50-3.95	HA	L	AG-CHEM ROGATER HI-CLEARANCE SPRAYER		
4	MD90		HA	G	PT VALMAR OR NODET	$0.75/AC	WITH PURCHASE OF PRODUCT
4	MD90		HA,FA	G,A	CULTIVATOR WITH COLD FLOW KIT AND VALMAR BOX	$2.25/AC	WITH PURCHASE OF PRODUCT
4	MD90		HA	G	HARROW DRAW BAR WITH VALMAR BOX	$1.25/AC	WITH PURCHASE OF PRODUCT

HERBICIDE APPLICATION 1995

REGION	COUNTY	CUSTOM COST ($/AC)	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	NOTES
4	7		HA	G	PT NODET	$1/AC	WITH PURCHASE OF PRODUCT
4	10	4.25	HA	G OR L	TERRIGATOR FLOATER		WITH FERTILIZER
4	11		HA	G	PT VALMAR OR NODET	$0.75/AC	WITH PURCHASE OF PRODUCT
4	11	4.00	HA	L	TERRIGATOR FLOATER WITH BOOM SPRAYER		10 GALLON
4	11	4.00	HA	L	AG-CHEM ROGATER HI-CLEARANCE SPRAYER		10 GALLON
4	20	3.50	HA	L	HAGGIE HI-CLEARANCE SPRAYER		5-10 GALLON
4	20	3.00	HA	G	TM VALMAR		
4	20		HA,FA	G,A	CULTIVATOR WITH COLD FLOW KIT AND VALMAR BOX	$4.50/AC	WITH PURCHASE OF PRODUCT
4	25	4.50	HA	L	MELROSE 3850 SPRAY COUP		
4	25	3.50	HA,FA	L,G	WILLMAR, SIMONSEN OR TERRIGATOR FLOATER		
4	28	3.50	HA,FA	L,G	WILLMAR FLOATER		
4	31	4.00	HA	L	MELROSE 3850 SPRAY COUP		
5	ID17	4.00	HA,FA	G	LOR-AL FLOATER		HERBICIDE WITH FERTILIZER
5	MD130	3.00	HA	L	TRACTOR, SPRAY MASTER GROUND SPRAYER		
5	MD130	3.75	HA	L	FW PIPER PAWNEE		1 GALLON
5	MD130	4.50	HA	L	FW PIPER PAWNEE		2 GALLON
5	MD130	5.00	HA	L	FW PIPER PAWNEE		3 GALLON
5	MD133		HA	G	CULTIVATOR WITH COLD FLOW KIT AND VALMAR BOX	$1/AC	WITH PURCHASE OF PRODUCT
5	MD133	3.50	HA	L	TM SPRAY-AIR		2 GALLON
5	MD133	3.50	HA	L	HI-CLEARANCE SPRAY COUP		5 OR 10 GALLON
5	MD133	3.50	HA	L	TRACTOR, BOURGEAULT 100' SPRAYER		

HERBICIDE APPLICATION 1995

REGION	COUNTY	CUSTOM COST ($/AC)	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	NOTES
5	MD136	3.75	HA	L	TERRIGATOR FLOATER		
5	1	3.50	HA	L	TRACTOR, 72' AIR-SPRAY		
5	1	3.50	HA	L	AG-CHEM ROGATER HI-CLEARANCE SPRAYER		5 GALLON
5	1	4.00	HA	L	AG-CHEM ROGATER HI-CLEARANCE SPRAYER		15-20 GALLON
5	1	4.00	HA	L	AG-CHEM ROGATER HI-CLEARANCE SPRAYER		5 OR 10 GALLON
5	1	4.00	HA	L	AG-CHEM ROGATER HI-CLEARANCE SPRAYER		
5	1	3.75	HA	L	AG-CHEM ROGATER HI-CLEARANCE SPRAYER		

LEGEND

FA - FERTILIZER APPLICATION HA - HERBICIDE APPLICATION ST - SOIL TESTING CS - CROP SEEDING L - LIQUID G - GRANULAR A - ANHYDROUS

SP - SELF PROPELLED PT - PULL TYPE TM - TRUCK MOUNT FW - FIXED WING JD - JOHN DEERE VERS - VERSATILE AC - ACRE HR - HOUR